Program Exception - array bounds exceeded
Posted by br4d - 2009/03/25 04:22

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I am getting the error below when I try and run SWAT

C:AGWA2workspacepcpc1D1simulations92>swat2003_mod.exe
            SWAT2005
     Soil & Water Assessment Tool
            PC Version
 Program reading from file.cio . . . executing

forrtl: severe (161): Program Exception - array bounds exceeded
Image   PC   Routine   Line   Source
swat2003_mod.exe 00536144 READSOL   110 readsol.f
swat2003_mod.exe 0053D1B6 READSUB   307 readsub.f
swat2003_mod.exe 00515C45 READFIG   161 readfig.f
swat2003_mod.exe 004B4C7D MAIN   101 main.f
swat2003_mod.exe 006986E9 Unknown   Unknown Unknown
swat2003_mod.exe 0067DAF9 Unknown   Unknown Unknown
kernel32.dll   7C817067 Unknown   Unknown Unknown

the very first time I tried SWAT with my own data, everything seemed to work fine except at the end
there was not any data in the tables.

After that I started over completely, new tables, etc. Now I always get the error above. I can go through
each step without issue, no errors and no values in the watershed table.

I can complete the tutorial, and I even tried the tutorial using my own precip / temp data to rule that out,
and it worked fine.

A little info about my data:

- I am using a 3m DEM (floating point). not sure if this is a possible problem? (no errors or anything)

- using SSURGO soil data with the .mdb database that has the data files imported.

Any help is appreciated,

Thanks

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Re:Program Exception - array bounds exceeded
Posted by isburns - 2009/04/14 22:25

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It looks like there must be a problem with your soils parameterization. Out of curiosity, can you try
running the model with SWAT 2000 and see if it works? We had to fix a problem where the model would
crash on the .sol files in SWAT 2005 but not in SWAT 2000; I wonder if the problem wasn't eradicated

completely.

Thanks
Shea

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